1 2

demand.



( 1.	A system	for	integrating	call	detail	records	for	a	multiple
network environment	, the systen	n co	omprising:						

access manager control logic connected to a wireless network, the access manager control logic being configured to generate a wireless call detail record in response to placement of a wireless call from a call source having an identity;

switching control logic connected to a wireline network, the switching control logic being configured to generate a wireline call detail record; and

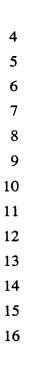
an operations support system having call detail record control logic configured to receive the wireless call detail record form the access manager control logic, to receive the wireline call detail record from the switching control logic, and to combine wireless and wireline call detail records that correspond to the same customer into an integrated call record.

The system of claim 1 wherein the operations support system receives the wireless call detail record from the access manager in a first call detail record stream, and the operations support system receives the wireline call detail record from the switching control logic in a second call detail stream.

- 3. The system of claim 1 wherein the access manager sends the wireless call detail record over a signaling network to the switching control logic, and wherein the operations support system receives the wireless call detail record and the wireline call detail record from the switching control logic in a combined call detail stream.
- 1 4. The system of claim 1 further comprising:
  2 a wireless customer care center configured to communicate with the
  3 operations support system to retrieve at least part of the integrated call record on
  - 5. The system of claim 1 wherein the wireless call detail record includes a mobile identification number.

1	6. The system of claim 1 wherein the wireless call detail record
2	includes an electronic serial number.
1	7. The system of claim 1 wherein digits are dialed at the call
1	·
2	source, and the wireless call detail record includes the dialed digits.
1	8. The system of claim 1 wherein the call source has a
2	corresponding location, and wherein the wireless call detail record includes the call
3	source location.
1	9. The system of claim 1 wherein the call has a duration, and
2	wherein the wireless call detail record includes the call duration.
1	10. The system of claim 1 wherein the wireline call detail record
2	includes a full call analysis including call routing information.
1	11. The system of claim 1 wherein the wireline call detail record
2	includes feature usage information corresponding to the customer.
1	12. A method for integrating call detail records for a multiple
1	network environment, the method comprising:
2	generating a wireless call detail record in response to placement of
4	a wireless call from a call source having an identity, the wireless call detail record
5	being generated at access manager control logic connected to a wireless network;
6	generating a wireline call detail record at switching control logic
7	connected to a wireline network;
8	receiving the wireless call detail record from the access manager
9	control logic at an operations support system;
10	receiving the wireline call detail record from the switching control
11	logic at the operations support system; and
12	combining wireless and wireline call detail records corresponding to
13	the same customer into an integrated call record.

I	13. The method of claim 12 wherein receiving the wheless can
2	detail record and receiving the wireline call detail record further comprise:
3	receiving the wireless call detail record from the access manager
4	control logic in a first call detail record stream; and
5	receiving the wireline call detail record from the switching control
6	logic in a second call detail stream.
1	The method of claim 12 wherein receiving the wireless call
2 .	detail record and receiving the wireline call detail record further comprise:
3	sending the wireless call detail record from the access manager over
4	a signaling network to the switching control logic; and
5	receiving the wireless call detail record and the wireline call detail
6	record from the switching control logic in a combined call detail stream.
1	15. The method of claim 12 further comprising:
2	configuring a wireless customer care center to communicate with the
3	operations support system to retrieve at least part of the integrated call record on
4	demand.
1	16. The method of claim 12 wherein the wireless call detail record
2	includes at least one item from the group consisting of: a mobile identification
3	number, an electronic serial number, dialed digits from the call source, a call source
4	location, and a call duration.
7	location, and a can default.
1	17. The method of claim 12 wherein the wireline call detail record
2	includes a full call analysis including call routing information.
1	18. The method of claim 12 wherein the wireline call detail record
2	includes feature usage information corresponding to the customer.
-	
1	19. A multiple network system for integrating call detail records,
2	the system comprising:
3	a wireless network:



1

2

3

4

access manager control logic connected to the wireless network, the
access manager control logic being configured to generate a wireless call detail
record in response to placement of a wireless call from a call source having ar
identity;

a wireline network in communication with the wireless network through a control interface;

switching control logic connected to the wireline network, the switching control logic being configured to generate a wireline call detail record; and an operations support system having call detail record control logic configured to receive the wireless call detail record form the access manager control logic, to receive the wireline call detail record from the switching control logic, and to combine wireless and wireline call detail records that correspond to the same customer into an integrated call record.

20. The system of claim 19 wherein the operations support system receives the wireless call detail record from the access manager control logic in a first call detail record stream, and the operations support system receives the wireline call detail record from the switching control logic in a second call detail stream.